In the Claims

1. (Previously Presented) A biodegradable material comprising a mixture of at least one polymer with at least one cereal grain flour, which is not subject to treatment, and having average granulometry between 10 and 2000 μm and, optionally, one or more acceptable additives.

2. (Original) The biodegradable material according to claim 1, wherein the cereal grain flour is selected from the group consisting of wheat flour, corn meal and mixtures thereof.

3. (Original) The biodegradable material according to claim 1, wherein the cereal grain flour is comprised of 0 to 100% by weight of wheat flour.

4. (Original) The biodegradable material according to claim 1, wherein the cereal grain flour has a high level of amylose and a low level of proteins.

5. (Original) The biodegradable material according to claim 1, wherein amylopectin in the cereal grain flour represents a maximum of about 73% of starch present in the cereal grain flour.

6. (Original) The biodegradable material according to claim 1, wherein the polymer is not chemically modified and is selected from the group consisting of polypropylenes, polystyrenes and PVC.

7. (Original) The biodegradable material according to claim 1, wherein the polymer has a fluidity index between about 0.1 and about 300 g/10 min at 230°C under 2.16 kg.

8. (Previously Presented) The biodegradable material according to claim 1, wherein the polymer is a biodegradable polymer.

9. (Original) The biodegradable material according to claim 1, wherein the additive is selected from the group consisting of pigments, synthetic aromatics, natural aromatics, antistatic

agents, oxidizing agents, compatibilizing agents and natural fibers selected from the group consisting of hemp, flax, corncobs and bran.

10. (Currently Amended) A process for preparing a biodegradable material according to claim 1, comprising mixing and heating at a temperature between about 10 and about 500°C, [[a]] the cereal grain flour ~~with an average granulometry between about 0.1 and about 2000 μm, and~~ having a percentage by weight of water between about 0 and about 30%, and the at least one polymer and, optionally, [[an]] additive(s).

11. (Withdrawn) The process for molding a biodegradable material according to claim 1, comprising placing mixed and heated material into a mold.

12. (Withdrawn) The process according to claim 11, comprising single or multiple injections of material into the mold.

13. (Withdrawn) An object molded by a process according to claim 11.

14. (Original) An object made in whole or in part from a biodegradable material according to claim 1.

15. (Previously Presented) A biodegradable material comprising a mixture of at least one polymer with at least one cereal grain flour which is not subjected to any treatment except to a controlled drying eventually followed by a sifting and/or turboseparation phase, and optionally, one or more acceptable additives.

16. (New) A biodegradable material comprising a mixture of at least one polymer with at least one cereal grain flour, which is not subject to gelatinization, destructuring or surface modification of starch in the cereal grain flour, and having average granulometry between 10 and 2000 μm and, optionally, one or more acceptable additives.

17. (New) The biodegradable material defined in Claim 1, wherein the polymer is not chemically modified.

18. (New) The biodegradable material defined in Claim 1, wherein the polymer does not have functional groups which react with hydroxyl groups of starch or proteins in the cereal grain flour.